40 CFR Part 51-Subpart S
Inspection/Maintenance Program Requirements
51.366
Data Analysis and Reporting Requirements
For the State of Indiana
For the Calendar Year
2013

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(a) Test Data Report

The program shall submit to EPA by July of each year a report providing basic statistics on the testing program for January through December of the previous year, including:

(1) The number of vehicles tested by model year and vehicle type:

229,669 vehicle tests

See the attached report:

(a)(1) Vehicles Tested by Model Year and Vehicle Type

(a)(1) Vehicles Tested by Model Year and Vehicle Type

| (a)(1) Venicies  MODEL YEAR | restea p | TOTAL            |                                  |   |          |  |  |
|-----------------------------|----------|------------------|----------------------------------|---|----------|--|--|
|                             | Type 1   |                  | E TYPE<br>Type P                 | Other                                       |          |  |  |
| 1976                        | 0        | 3                | 10                               | 0   | 13       |  |  |
| 1977                        | 10       | 18               | 147                              | 0)  | 175      |  |  |
| 1978                        | 2        | 15               | 17                               | O O   | 34       |  |  |
| 1979                        | 23       | 55               | 209                              | 0   | 287      |  |  |
| 1980                        | 1        | 5                | 15                               | Ō   | 21       |  |  |
| 1981                        | 161 21   | 29               | 128                              | 0   | 178      |  |  |
| 1982                        | 2        | 1                | 17                               | 0   | 20       |  |  |
| 1983                        | 35       | 23               | 199                              | 0   | 257      |  |  |
| 1984                        | 5        | 8                | 55                               | . (4)                                       | 68       |  |  |
| 1985                        | 67       | 76               | 411                              | 0   | 554      |  |  |
| 1986                        | 7        | 8                | 71                               | 0,  | 86       |  |  |
| 1987                        | 163      | 111              | 586                              | 1   | 861      |  |  |
| 1988                        | 71       | 24               | 111                              | 0   | 206      |  |  |
| 1989                        | 483      | 319              | 1,010                            | 0   | 1,812    |  |  |
| 1990                        | 59       | 52               | 142                              | 0   | 253      |  |  |
| 1991                        | 693      | 400              | 1,837                            | 0   | 2,930    |  |  |
| 1992                        | 111      | 97               | 332                              | 0   | 540      |  |  |
| 1993                        | 1,387    |                  | Kara di kabatan kalangan samen i | 0   | 5,784    |  |  |
| 1994                        | 282      | Ř :              | Recolling Follows                | 0   | -943     |  |  |
| 1995                        | 2,685    |                  | En remarks resembled             | 0   | 11,277   |  |  |
| 1996                        | 369      | 223              | 744                              | 1   | 1,336    |  |  |
| 1997                        | 4,965    |                  | 9,040                            | 1   | 16,857   |  |  |
| 1998                        | 565      | #L1844-1         | <b>数</b> 1.                      | S Access timbrain at 1900                   | 1,962    |  |  |
| 1999                        | 6,404    | 4,743            | R . PROPERTY TO BE               | ※ 第十二十二十二日日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日本日 | 23,697   |  |  |
| 2000                        | 666      | 381              | 1,401                            | 0   | 2,448    |  |  |
| 2001                        | 8,345    | 4,781            |                                  | ealing hereing                              | 30,590   |  |  |
| 2002                        | 706      | Signature (16)   | <u> </u>                         |   | 2,600    |  |  |
| 2003                        | 9,634    |                  |                                  | Continue material and a second              | 32,202   |  |  |
| 2004                        | 462      | Kalaki u serbe   | BUSINESS AND STREET              |   | 1,830    |  |  |
| 2005                        | 11,075   |                  | 17,195                           | 27  | - 34,287 |  |  |
| 2006                        | 411      | 魔的 医环状性 医二氏性畸形的  |                                  | 0   | 1,514    |  |  |
| 2007                        | 9,722    | Barria Mari      | i Halloweti                      | K-5884 - 1                                  | 32,960   |  |  |
| 2008                        | 236      | Marrie radiilari |                                  | 9-111-11-11-1                               | 1,141    |  |  |
| 2009                        | 4,698    |                  | Å                                |   | 19,584   |  |  |
| 2010                        | 113      |                  | B                                | 0   | 362      |  |  |
| Grand Total                 | 64,478   | 41,292           | 123,822                          | 77  | 229,669  |  |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (i) Failing initially, per test type:

BAR-90, Single speed idle test, 164 IM-93, Enhanced I/M test, 5,146 OBD II, On-board diagnostic check, 12,687

See attached report:

(a)(2)(i) Vehicles Tested by Model Year and Vehicle Type: The Number and % Initially Failing per Test Type

| (a)(2)(i) Vehicles Testd      | ov Model Year and Vehicle   | Type: The Number and % Initiall  | v Failing per Test Type   |
|-------------------------------|-----------------------------|----------------------------------|---------------------------|
| tall Tall a Cition Co i Cotta | y Miodel Leal alla vellicie | Type: The Humber and 76 initiali | y i dilitig per legt lype |

| TEST_TYPE                               | MODEL_YEAR   |                     | Type 2   | Type P   | OTHER  | Count  | Type 1   |  | Type P   |         |
|---|--------------|---------------------|--|--|--|--|--|--|--|---------|
|   | 1981         | 2                   | 9  | 29   | o de la companya de l | interection consideration and  | energe consumption and a second and a  | 22%  | 72%  |         |
|   | 1982         | 1                   |  | 2  | 0  | 3  | 33%  | - L 0%   | 66%  |         |
|   | 1983         | 7                   | 5  | 44   | Ō  | 56   | 12%  | 8%   | 78%  |         |
|   | 1984         | 2                   | 3  |  | 0  | 6  | 8  | 18%  | 68%  |         |
|   | 1985         | 13                  | 18   | 6 - M. C.<br>Leonome anomena e diversi de la Cart  | 0  | E  | 8  | 976 i 198  | 74%  |         |
|   | 1986         | 0                   | يوادان الأسان  | Leidiki mananan militidaki d   | 0  | Santa a marana mana a mana   | S. managa makabana managa at managa A  | Santagraphy and a supplemental and a supplemental and a supplemental and the supplemental and | 93%  |         |
|   | 1987         | 34                  | 28   | Lawrence control in the  | 0  | effolia Jeta   | g at the extra   | 6 15 th  | 64%  |         |
|   | 1988<br>1989 | 17<br>88            | 3<br>67  |  | 0  | kiigomaa, makalee  | g in harmon be a first   | Na initialis - an anno 12 anno 18  | 55%<br>53%   |         |
|   | 1990         | 9.                  | E 776  |  | 0  |  | 30 SEC S. Araille Self   | Committee and Comment of the second  | 52%  |         |
|   | 1991         | 155                 | 93   |  | 0  |  |  | 14%  | 61%  |         |
| nergya, karala<br>Kabuputan da bar 1966 | 1992         | 29                  | 22   |  | 0  | g commence of the state of   | d (bed the following   | North Company of the  | 61%  |         |
| akalika ka as                           | 1993         | 263                 | 243  | Annual and archering over a second to be a second  | Tana b   | A communication of the communication   |  | 19%  | 59%  |         |
| HAZBIK IK IK                            | 1994         | 62                  | 46   | 94   | i i i i i i i i i i i i i i i i i i i  | 202  | 30%  | 22%  | 46%  |         |
|   | 1995         | 466                 | 528  | 1,006  | Ō  | 2,000  | 23%  | 26%  | 50%  |         |
|   | 1996         | 0                   | 1  |  | Ō  | 2  | 0%   | 50%  | 50%  |         |
|   | 1997         | 0                   | 11   | g ()   ()   (m) () () ()   | O  | 18   | 0%   | 61%  | 38%  |         |
|   | 1998         | 0                   | 0  |  | . 0  | K  | 9  |  | 100%   |         |
| vik salasti kas                         | 1999         | 0                   | 20   |  | 0  |  | San  |  | 0%   |         |
|   | 2000         | 0                   |  | \$.455   | 0  |  | ليستحيد فللإلخاط الألحاد   |  | 0%   |         |
|   | 2001         | 0                   | 12   | Combinery passes projekt they  | 0  | Balling in a second like it  | Sharpertain and the same of th | F. 4.a. 1111   | 7%   |         |
|   | 2002<br>2003 | . 1<br>             | 1  |  | 1999   | 8, 1721 1 141111 1   | Market and the second  |  | 0%<br>0%   |         |
|   | 2005         | 0                   | 12   | Energy of the second   | Control of the Contro | Santanian in the sant  |  | Augustini ni Justini P   | 0%   |         |
| IM-93 Enhanced Test                     | 2007         | 0                   |  | Service of the service where   | manuscrapio de la companya   | Strammannan ville (1974)   | Personal engineering   | Andrew Principles of the State  | 10%  | E 1 1 C |
| INFOS Entranced Test                    | 1996         | 33                  | 24   | Z  |  | g. 1984 St. 1994 - 199   | ğ -019102Y   |  | Limit   10 / 10 / 10 / 10 / 10 / 10 / 10 / 10  | 5146    |
|   | 1997         | 583                 | 295  | European Military Company  | 0  |  | Accessors and the second   |  | 54%  |         |
|   | 1998         | 58                  | 48   | Emerican and telestrological and a second  | Ō  | Arramor in the constitution of the constitutio |  | <ol> <li>C. C. C</li></ol>  | 50%  |         |
|   | 1999         | 542                 | 405  | 1,203  | 0  | 2,150  | 9  |  | 55%  |         |
|   | 2000         | 52                  | 25   | 135  | Ō  | Hieraev zoach vaeranzarie  | 9  | 11%  | 63%  |         |
|   | 2001         | 733                 | 303  | 1,720  | 0  | 2,756  | 26%  | 10%  | 62%  |         |
|   | 2002         | 51                  | 26   | 117  | 0  | 能 *  | S 144 0 50 1 10  | 13%  | 60%  |         |
|   | 2003         | 634                 | 295  | 1,110  | 0  | 2,039  | 31%  | emeters.   | 54%  |         |
|   | 2004         | 19                  | <u> </u>   | 8-1100   |  | 80001  | 39   | B21  | 66%  |         |
|   | 2005         | 509                 | 263  | Land of the same in the same of the same   | 0  | A  | Same and the same of the same  | ludani. Lakteri  |  |         |
|   | 2006         | 27                  | ii ii ii 15  | Zanara and received  | . 0  | X 124  | 108 -  | Samuel Control of the | 52%  |         |
|   | 2007         | 259<br>16 - 6       | 158  | F  |  |  | 9  | Washington and the second  | 56%  |         |
|   | 2008         | - (a. e 61          | 12<br>45   | <u> 2</u>  | X. 1.1 : 1111  | § limbline. Ti   | S  | 2  | And the second of the second o |         |
| OBDII Test                              | 2010         | 6                   | for I  | L  |  | Americalitation  | .ă   |  | 30%  | 12678   |
| version rest                            | 1976         | o e                 | 2  | 覆ドルドリョルト   | grande and a book at the con-  | Para nominal College Company   | 10   | \$179 PORTSON OF \$  | Land Land of the Control of the Cont | 12070   |
|   | 1977         | A Christ School es. | 2  | grande de la completa del completa del completa de la completa del la completa de la completa della completa de la completa de la completa della completa de la completa della completa de | Baratan kalendari da bilan da baran da   | A  | .S   | and the second second  | 92%  |         |
| 电弧角膜 腳 腳                                | 1978         |                     | CHARLES CONTRACTOR OF THE STATE | E 1 100 1 100 1 111  | C  | Commence and the second second   | and a second and a second as a second as   | Personagement many accounts  | 33%  |         |
|   | 1979         | 6                   | 13   | Police Commission and all  |  | Asiala di bangani  |  | A.Bii  | 71%  |         |
|   | 1980         |                     |  | 5  | Ç  |  | 14%  | 14%  | 71%  |         |
|   | 1981         | 0                   | 1  | 0  |  |  | 0%   | 100%   | 0%   |         |
|   | 1983         | 0                   |  | 3  |  | \$ 1800 Kilones Messelle   | .g   | g 1909 1 1/1997 N  | £17 THE  |         |
|   | 1985         | ) i 0               |  | Supplied and the supplied and  | ,  |  |  | grading back a   | g-1- 72  |         |
|   | 1986         | 0                   |  | grander and the state of the st |  |  | 9 . N. Pisa Türketi  |  | grade of the term of   |         |
|   | 1987         | 0                   | <b>8</b> .50   | E  | f. T   | B 19896 1  | Q 77 75. 1 3111500   | \$1 - CHARLES ENGINEERS  | \$ 50,750 COBOTE THE TOTAL TO  |         |
|   | 1989         | 0                   |  | Šamorninini – mada   | According to the second |  | A mark to the contract of the  | Sarat Semanara da  |  |         |
|   | 1990         | 0                   | 4  | Section 1998   | E Historia Historia  |  | Warner Committee of the | Kalandha an Hal  | L (Marriel Barriel, despuis del),  |         |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 1991         | 0                   | L.71.  | Enconocument of the second   | Paralle i mana i i e na recentario estados   | encompanies concessions  | Maria Maria Maria Maria  |  | E-Marketerreskann-   |         |
| Single Speed Idle Test                  | 1993         |                     | leadingenearannia  | 8<br>  | S. S. Marine Constitution  | S  | N. C.  | destruction to the common the  | Cornel transferred violograph Stubb  |         |
| Single speed lale fest                  | 1995         | 2                   | 1  | historia de la companiona della companiona de la companiona de la companiona della companio | C  | 17988  |  | 9%   | 72%  | 164     |
|   | _L           | I                   | L  | L  |  | 1 - 386  | 7  | <u> </u>   | L  | ı       |

- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
  - (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (ii) Failing the first retest per test type:

BAR-90, Single speed idle test 58 IM-93, Enhanced I/M test 2251 OBD II, On-board diagnostic check 2447

See attached report:

(a)(2)(ii) The Number and % Failing the First Retest per Test Type

| rest_type  | MODEL_YEAR                                       | Type 1                   | Type 2   | Type P   | OTHER  | C              | ount                                     | Type 1   | Type 2   | Type P   |   |
|--|--|--------------------------|--|--|--|----------------|--|--|--|--|---|
|  | 1981   | 0                        | E  |  |  | 0              | 18                                       | 0%   | 11775-112504617  | \$.54668.JAss.10.5   |   |
|  | 1982   |                          |  | # 11 Flb 81502   |  | 0              | 5  | 20%  | 20%  | 60%  |   |
|  | 1983   | 3                        | 2 1111-11-1  |  |  | 0              | 25                                       | 12%  | and the second second second   |  |   |
|  | 1984   | 0                        | Aini   | 6 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 8 : 23   | 0              | 9  | 0%   | Anni managerica mere   | 77%  |   |
|  | Proposition and the contract of the commencer of | 5                        | Emmina ditabili  | \$ 11da.5  |  | 0              | 43                                       | 11%  | 16%  | 72%  |   |
|  | 1986   | 2                        | 1  | Ballikarya   |  | 0              | 10                                       | 20%  | Z I's Indian   | 4 W 3  |   |
|  | 1987   | 14                       | <u> </u>   |  | 9801606; 4   | 0]             | 77                                       | 18%  |  | San - and Hiller   |   |
| 50-244-37  | 1988   | 3                        | Ender Income   | Sucarra canada camana cana   | Mastero ne omigranoci in   | 0              | 17                                       | Contraction and Contraction  | A TOTAL CONTRACTOR   | 64%  |   |
| Programme<br>Topi Billing billion - Di                             | 1989   | 38                       | <u> Administration</u>   | P  | Commission of the  | 0              | 136                                      | 27%  | hanaa Minimuda   | 50%  |   |
|  | 1990   | 2                        | g 1.100  | 1  |  | 0              | 26                                       | 7%   |  | W 388780807733484  |   |
|  | 1991   | 61                       | S  | E SECTION  | II alpudo ha daga 194  | 0              | 292                                      | 20%  | Service Control  | 1, 2004 2, 60 (0,000,000)  |   |
|  | 1992   | 7 (a. jev <b>7</b>       |  |  |  | 0              | - 68                                     |  |  | Automobile commence and a second and a   |   |
|  | 1993   | 112                      | dineries namen en en   |  | Superior and Control of the  | 0              | 538                                      | 20%  | Samulain, ann an   | A-BELLEVIER FERRE  |   |
|  | 1994   | 22                       | Alexandra A  | a  | Augusta on the second  | 0              | 101                                      | 21%  |  | A series de la companya del companya del companya de la companya d |   |
|  | 1995   | 193                      | 8 - CONTRACTOR   | M  | 8.7-200-200-200-200-200-200-200-200-200-20   | 0              | 844                                      | 22%  |  |  |   |
|  | 1996   |                          | E  | Ž  | ■ - 10 = 1 (2) (1 × 1 × 1 × 1) (1 × 1)   | 0              | 3  | 0%   | ğırı Yazıllırah  | Mari Chalfaichear-   |   |
|  | 1997   |                          | 4  | <u> </u>   | land distributions.  | 0              | 11                                       | 9%   |  |  |   |
|  | 1999   |                          | Same and the second  | Note that the property   |  | 0              | 9  |  |  |  |   |
|  | 2000   | 0                        |  |  | <u> Barbaria, 1960</u>   | 0              | 2  | 8.111  |  |  |   |
|  | 2001   |                          | E 1800 (100)   | V  | 9  | 0              | 6  | 8. 3050 to 1.1.  | Lance Committee  |  |   |
|  | 2002   | g C                      | g  | A  | Zanovina de la compania del compania del compania de la compania del compania del compania de la compania de la compania del compania d | 0              | 3  | T-1117/921   |  |  |   |
|  | 2003   | C                        | Economic promotovonom  | Marie Commission of the Commis | wide of the brown  | 0              | 4  | Ar-emmanenthrenittett  |  | 8.0000000H;=1.0-1  |   |
| M-93 Enhanced Test   | 2005   | 0                        | Service and the service of the servi | Charles of the Control of the Contro | Samuel Carlotter Const.  | 0              | 4  | 6. i   |  |  | 2 |
|  | 1996   | 23                       |  |  |  | 0              | 74                                       | 9000   |  |  |   |
|  | 1997   | 132                      | 夏 (1) (2) 1  | 1 11/12/54/54/54   | Same and the second  | 0              | 428                                      |  | g  | QCAMBINE STATE   |   |
|  | 1998   | 24                       | Ž  |  |  | 0              | 86                                       | Secretary and the second   | Section 1  | 🖟 i i tra M.S.a. trans 🦒   |   |
|  | 1999   | 119                      | ž  | W - 6 14 11111 111   |  | 0              | 431                                      | 6 19 Testi.  | 2 : 4:5:   |  |   |
|  | 2000   | 31                       | Emman market principle   | Marika,  | A Jukaning   | 0              | 99                                       | § 1. 941   | grand days a proper  | \$12000 HEE 01019  |   |
|  | 2001   | 140                      | 1105<br>2000 1105  |  | Later and the second section of  | O <sub>p</sub> | 535                                      | Balling and a second   | Days and the same of the   | SECULA CHARGO  |   |
| y ist Tibe   | 2002   | 25                       |  |  | Section of the second  | 0              | 76                                       |  |  | Burnation of the   |   |
|  | 2003   | 94                       |  |  | Billioner reconstruction of the  | 0              | 323                                      | & LEHIETO  | <u> </u>   |  |   |
|  | 2004   | 10                       | I  |  | Malanaranarani   | 0              | 45                                       | English sample and the sample and  | S RHI I I I I I I I I I I I I I I I I I I  | # * 1.** 1. M. 1 3   |   |
|  | 2005   | 68                       | . January 1986 (1986)  |  | Land Carrier   | 0              | 187                                      | La de la companya del companya de la companya del companya de la c | 3  | Mariana and an income  |   |
|  | 2006   |                          |  |  | S. company to the second control of  | 0              | 25                                       |  |  | (8°-51151 - 11515 5)   |   |
|  | 2007   | 38                       |  |  | A commence particular  | 0              | 110                                      | S - relative and   |  | M. Tradition of the  |   |
|  | 2008   |                          |  | A  |  | 0              | · i. · 8                                 | loimuu   | Eliza di la  | R 321  |   |
| OBDII Test   | 2009   | ster describitorioses    | 5  | M. I   | il :   | 0              | 20                                       | 40.00.00.00  | S. William Millian   | B :. :   | 2 |
|  | 1976   | prince on manufacture of |  | #16'402'   | Madalla (Salia)  | 0              | 1  | \$4  | ú  | With a second state of   |   |
|  | 1977   | i i i Brandalini i i i   |  | 13   | M. 100000 200000   | 0              | 15                                       | 5.000  |  |  |   |
|  | g. 14  | i listely                | A Company of the Company   | 4  | American San   | 0              | 4  |  | # 1851   | B 0.15500 1.1500   |   |
|  | 1979   | Hari K. La Lesson        |  | B 100 (100   | Commence of the commence of th | 0              | 16                                       | Ž., p.,—pranimenom   | Service namiliations   | · Larrone and an anymore   |   |
|  | 1980   | 548 <b>4</b> .4.34       |  | #  | and a contract of the contract | 0              |  | £  |  |  |   |
|  | 1983   |                          |  | S  | Marine Control   | 0              | tanamananananananananananananananananana | At Line  | Maria de la compansión de |  |   |
| 100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100<br>100 | 1984   |                          | ) (  | AND THE ROLL AND THE STATE OF THE SECOND CO.   |  | 0              | 1  | A CONTRACTOR OF THE PARTY OF   | Section Contracts  | & FORGETT TROPS  |   |
|  | 1987 E E   | 보는 할 것이다는 그리다는데          |  |  | Seine and a series of the series   | 0              |  |  |  | 18 talifona hess   |   |
|  | 1989   |                          | - Sandalahalilahan an adaman   |  | 8  | 0              |  | Ž.   | Addition and differen  |  |   |
|  | 1991   |                          | Janua Joseph   | r棚rounder in fire  | .B.J. 1.52512.   | 0              |  | Karamana   | Zamoint consider   | (株): 1 (1512): 1 (1  |   |
|  | 1993   |                          |  |  | 49.009810300A40564   | 0              |  |  | Antografic services  |  |   |
| Single Speed Idle Test   | 1995   | 1.18 16 13               | 24   | )  |  | 0              | 10 10 €                                  | 40%  | 0%   | 60%  |   |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (iii) Passing the first retest per test type:

BAR-90, Single speed idle test 66 IM-93, Enhanced I/M test 2,106 OBD II, On-board diagnostic check 12,982

See attached report:

(a)(2)(iii) The Number and % Passing the First Retest per Test Type

| TEST_TYPE                                      | MODEL_YEAR   | Type 1  | Type 2   | Type P   | OTHER  | Count                                  | Type 1   | Type 2                               | Type P   |
|--|--|---|--|--|--|--|--|--------------------------------------|--|
|  | 1981   | 2   | <u> 9 14 - 100 100 100 100 100 100 100 100 100 1</u>   | Arthur Line  | £  | ) 13                                   | 4  | g ( 1070) 1884                       |  |
|  | 1982   | 0   |  | \$3500 to 1  | i i  | ງ 2                                    |  | 0%                                   | BiliEde  |
| h. I i i i i i i i i                           |  | 1   |  | A - waste on a continue  | Edward Commencer   | O <sub>1</sub>                         | 200000000000000000000000000000000000000  | Salain                               | 8 49 44  |
|  | Parising a comment or an experience of the contract of the con | :  } <u> </u>   | Barrier and the second   | S. S   |  | )                                      | 2.111.11   | ( 0. 12 12. 14. kg.                  | <u> </u>   |
|  | 1985   | 1036062   | 6  | 35   |  | 0 44                                   | \$ _ N.L   | Ri Hillande,                         |  |
|  | 1986   |   | Parker Harrison  | A Stranger   | Description of the second  | 0 5                                    | Acres de la companya della companya  | Average in the second                | A LOUTE THIRD  |
|  | 1987   | 14  | 14   | 38 30 L 405  | S  | 0 61                                   | 22%  | 22%                                  | Reference a trade LLE  |
|  | 1988   | 11  | 2  | 7  |  | 0 20                                   | 55%  | 10%                                  | 24 1000  |
|  | 1989   | 42  | 27   | 75   | i Sulmiji  | ) 144                                  | 29%  | 18%                                  | 52%  |
|  | 1990   | 8   | 7  | 16   |  | 31                                     | 25%  | 22%                                  | 51%  |
|  | 1991   | 66  | 41   | 145  |  | 252                                    | 26%  | 16%                                  | 57%  |
|  | 1992   | 12  | 6  | 25   |  | 43                                     | 27%  | 13%                                  | 58%  |
|  | 1993   | <b>1</b> 21   | 103  | 264  | Symmetric de de de carbo la p  | 0 488                                  | 24%  | 21%                                  | 54%  |
|  | 1994   | 28  | 23   | 29   | Selas museupitemasa  | 0 80                                   | 35%  | 28%                                  | 36%  |
|  | 1995   | 191   | 200  | 392  |  | 783                                    | 24%  | 25%                                  | 50%  |
|  | 1996   |   | ) I  | 0  |  | 0 1                                    | 0%   | 100%                                 | 0%   |
|  | 1997   |   | 3<br>1 1 1 1 1 E   | ្សី ្រ 10  | Asabhhanna<br>1  | 0 19                                   | 15%  | 31%                                  | 52%  |
|  | 1998   |   | 2  | ) 4  | }  | 0 li 6                                 | 33%  | 0%                                   | 66%  |
|  | <b>4000</b>  |   | g networking   | . 8  |  | 0                                      | 13%  | 52%                                  | 34%  |
|  | Ligrang were the constitution of the constitut | 115-15g 1-6-11  |  | Alexander School and House   | 3.11   | 0 3                                    |  | Same and Same                        | Manual Andrews   |
|  | 2001   |   |  | ubbolización masaméranan   |  | 0 28                                   | Land Orannesson of   | \$                                   |  |
|  | 2002   |   | Section Contracts  | Marina di Managa   | Day and the second   | 0 - 2                                  | Zendid and a   | Benninglannenski                     | 50%  |
|  | 2003   |   |  | Marie Landing Property Com   | ē  | 0 18                                   | Series retared interior  | E                                    | P. D. L. Carrier   |
|  |  | na a farancia de la comercia de la c | )  | والمترجيجي   | · 6  | TERM OF BRIDE                          | 0%   | LL 31.3                              | Marine Marine  |
|  |  | Old B   | 4-0-9700   | 3 4  |  | 0 10                                   | Life and the second second second  |                                      |  |
|  | 2006   | 1:11:6 - 1 1-1-14:41  | 2  | A CONTRACTOR OF THE CONTRACTOR | Alle Minester  |  | 50%  | Comment commentations                | A splinkers  |
|  | 2007   |   | 20 a me actividadores como es  | Same was in the same   |  |  | Noncial Concision of the   | £ (41) )                             | A  |
| M-93 Enhanced Test                             | Barry grant continuent and the   | novegaronice district   | of Carolina  | Harrist Harrist  | 0 711  | 0                                      | AND THE PROPERTY OF THE PROPER | £                                    | Water or a second secon |
| IVI-00 EIIIIAIICEU I ESI                       | 32009<br>31996   |   |  |  | 3. marana marana an arang  | 0<br>0 152                             | A Committee of the Comm | Same and the second                  | (B)(1) 1   |
|  | 1997   | 479   |  | (4.14  | L. L. Lini.  | 0 1,497                                | 18 JULY 11 11 11 11 11 11 11 11 11 11 11 11 11   | % (n)                                | Marketa varana   |
|  | 1998   |   |  |  | King San San San San   | 0 262                                  |  |                                      | 17000 (LONG LC)  |
|  | 1999   | 520   | West of the state  | **************************************   | Surrey Surrey Company  | 0 = 1,993                              | Sanda S  | B. American A. American              | 8 'VETHO-  |
|  | 2000   | 7   | S. Jan Jonesseen   |  | 2 -1 ( )   | 0 27                                   | 18.714.929.0000  | <u> </u>                             | #  |
|  | 2000   | 76;   | <u> </u>   | INCOME CONTRACTOR AND PROPERTY AND PARTY.  | .a   | 0 2,680                                |  | Supercute Production                 | :0=_:::E   |
|  | - Baratabasan amerikan menerakan   |   |  |  | (a) (1)  | 0 2,000                                | all de la companya de  |                                      |  |
|  | Barri Briman Ermanı  |   | All Chick Shirt in the   | 2 3 6 6  |  | 0 32<br>0 2,178                        | السحمسنك فانتاف  | là bhi bhi bha                       |  |
| i je jedali i                                  | 2003   | 69<br>5   | and a commence of the contract | 3  | Service and the service and the  | 0 21.                                  | ILIE III   | R. Sight He                          | Part Carlotte  |
| 12 12 12 12 12 12 12 12 12 12 12 12 12 1       | 10000  | 57  | Water Street   | A Commence of the Commence of  | Commercial and the commercial  | 0 1,76                                 | . S  | Participant of the second            | THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUMN TWO IN COLUMN TWIN COLUMN TWO IN COLUMN TWO IN COLUMN TWO IN COLUMN TWO IN COLUMN |
|  | 2005   | 3/:<br>4  |  | ing the latter was   | Samone   | 0 14                                   | 13 107 1411  |                                      | NUTUR CASTELLISIES   |
|  | Barran and a construction of the construction  | 8   | The second second  | A STATE OF THE STA | ) (Carana ) (Carana )  |  | A contractor of the second   | (2 K                                 | M WHATE-IN'S   |
|  | 2007   | 32<br>1   | . 3  | · a : : : : : : : : : : : : : : : : : :  | Of the complete control of the contr |  | milional diversion and accommon  |                                      | r 🖟 - r i ma trivitti titurch (  |
|  | 2008   |   | all a series and a  | and a second in the second   |  | 0 7                                    | and a cold of the late of the late of  | all annual to the beauty of the land | to the distance of the distance of the first   |
|  | 2009   |   | 28 (0.00)  | * # TANKETT - ****   | of acromy special control  | 0 34                                   | . # Prodiction   | A transfer of the                    | ulgavia cara era er  |
| OBDII Test                                     | 2010   | and. 1 篇 1 [ 1 ] 1 ] 1 ] 1 ] 1 ] 1 ] 1 ] 1 ] 1 ]  | CONTRACTOR OF COURSE   | 108  | a Seemen en man a vermen en e  | 0 1                                    | ts 11. 11.   | 30.44, 1.634614.0004                 |  |
|  | 11976  |   |  |  | Nevertidados recordos  |  | 1 0%   |                                      |  |
|  | 1977   |   | Services contracts of the services   | 2,   |  | 0 1                                    | 18 80-17 1100  | G III K                              | - K - 111 111 111 111 111 111 111 111 111 111 111 111 111 111 111  |
|  | 1978   | Section Service Services (Section (Section (Section (Section (Section (Section (Section (Section (Section (Sec  | - P  | Andrew Street  |  | To B 4555                              | 3 0%   | 3                                    | 3  |
| omasuvoja pikulojaloj<br>Augstvija pikulojaloj | 1979   |   | 1)   | 72 24  | na analysis in management and  | 0 3                                    |  | Salahan kanan da kaman da k          | oria Nov.  |
| ati kundik.                                    | 1985   |   | Ziki da ed di karadi.  | big with the time time.  | : 🖟  | AND DESCRIPTIONS                       | 2 50%  | and the second second                | AH AMERIKA LA LILA   |
|  | 1986   | ániá-disarazasemeza   | A CONTRACTOR OF THE PARTY OF TH |  | Y 2  |  | 1 0%   | Maria Maria                          | M Miliatellati   |
|  |  |   | and the second second  | and an illumination of   | 1.3.   |  | 2 0%   | all and a line and a line            |  |
|  |  | 2 Local Edition   |  | ومرونش المالين سياقون  |  |  | 1 0%   | all control to be a server of the    | M  |
| va dunaist                                     | 1990   |   |  | <u> </u>   | <u> </u>   | ###################################### | 2 0%   |                                      | 1 [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [  |
|  | 1991   |   | 1,19-7   | Oj li  | o, e e   | 0                                      | 1 100%   | 6 09                                 | i i i i i i i i i i i i i i i i i i i  |
|  | 1993   |   | 0  | 0 1  | 5)   | 0                                      | 5 0%   | 6 09                                 | %∏ =100%   |
|  | 1995   |   | Ô  | 0  | 2  | 0                                      | 2 0%   | 6 0%                                 | 6 100%   |
| Single Speed Idle Test                         | 1996   | Selecte Marcony end 6000 co   | o come en betralelettette.   | 0  | 1  | 0 3                                    | 1. 0%  | 6 09                                 | 6 100%   |
| manufacture and a second Co.                   |  |   |  | _;   |  | 1515                                   |  |                                      |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

#### (a) Test Data Report

- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (iv) Passing the second or subsequent retest per test type:

BAR-90, Single speed idle test 106 IM-93, Enhanced I/M test 3,888 OBD II, On-board diagnostic check 18,067

See attached report:

(a)(2)(iv) The Number and % Passing the 2<sup>nd</sup> or Subsequent Retest per Test Type

| TEST_TYPE                                | MODEL_YEAR<br>1981                           | Type 1<br>2  | Type 2<br>4   | ······································   | OTHER<br>C   |  | Type 1<br>8%  | Type 2<br>16%  | Type P<br>76%   |       |
|--|--|--------------|---|--|--|--|---|--|---|-------|
|  | 1982   | D            | (1) 17 等, 行為關係等額  | Louisi na suade e cad  | C  | 2  | 0%  | 0%   | 100%  |       |
|  | 1983   | 3            | 2   | i chrest callstrain  | C  |  | 10%   | 6%   | 82%   |       |
|  | 1984   | 0            | ka i mananggangg  | B 1-04(r-656-pt)   |  |  | 0%  | 22%  | 77%   |       |
|  | 1985   | 6            | E   | 5 - 11 M-10 1 1911 S   | 1410-11-11-1   | [] ::-: : ::::::::::::::::::::::::::::::   | 9%  | 16%  | 74%   |       |
|  | 1986<br>1987                                 | 23           | 1<br>20   | lare and the large colonial and  | Contract Contract Vices  |  | 0%<br>21%   | 12%<br>18%   | Marie Continues com   |       |
|  | 1988   | 23<br>14     | 20<br>4   | S 1774 531 6   |  | Samuel de la constitue de la c | 45%   | 12%  | 41%   |       |
|  | Program Scholer communication (Significance) | 74           | A CONTRACTOR S  | 9 100  | Commission of the Commission o |  | 31%   | 21%  | 47%   |       |
|  | 1989<br>1990                                 | 10           | 9 (00), 1, 0 (0)  | £  | 1 1 100  | Acres a linearing  | 20%   | 20%  | 60%   |       |
|  | 1991   | 103          |   | k  | CONTRACT   | 441  | 23%   | 16%  | ann ann ann an Air an   |       |
|  | 1992   | 20           | 18  | 61   |  | 99   | 20%   | 18%  | 61%   |       |
|  | 1993   | 193          | 183   | 475  | 200  | 851  | 22%   | 21%  | 55%   |       |
|  | 1994   | 53           | Libraria de la marrica                                    |  | C  |  | 28%   | 27%  |   |       |
|  | 1995   | 310          |   |  | s de Calbinia, es  | all a lame or of complete  | 23%   | 28%  | 48%   |       |
|  | 1996   |              | 1   | 8 11 0A381 - RES   | Emm a a Shill beautiful include  | 7  | 14%   | 14%  |   |       |
| RUSCUS CONTRACTOR                        | 1997   | 10           |   |  | En in Sull'Arababas  | 45   | 22%   | Carried Milliania  | 14 (19 1 No. 14 TM)   |       |
|  | 1998<br>1999                                 | 4            |   |  | sine Milenian  | 4  | 22%<br>22%  | 5%<br>36%  | 72%<br>40%  |       |
|  | 2000   | 11<br>4      | 18<br>5   | Balto . Dasa   | 9 - 1 21 1111  |  | 22%<br>22%  | ST. 122.11   | 50%   |       |
|  | 2001   | 25           | Eggi jahihalan d  |  |  | .4   | 20%   |  | 68%   |       |
|  | 2002   | 5            |   |  | B Alfa   | . \$   |   | 16%  | 62%   |       |
|  | 2003   | 10           |   |  |  | 55   | and the second second   | convenience and market   | 65%   |       |
|  | 2004   | 2            |   | 7  | paramenta and  | 10   | 20%   | 10%  | 70%   |       |
|  | 2005   | 12           | 8   | 15   |  | 35   | 34%   | 22%  | 1 100,6336  |       |
|  | 2006   | 4            | i   | & Programme  | g  | 8  | 9.5   | المستنبذ المسالة   | Salahan Salahan   |       |
|  | 2007   | 12           |   | 6  |  | 20   | Miles and a district  | 15%  | \$ 189.0 EP E   |       |
|  | 2008   | 0 0          | 8 1.35.33.3   | 2 10.44  | 2 21 11 12 11 12 1   | 1  | and the second second   | 9  | 1 to 1 to 1   |       |
| IM-93 Enhanced Test                      | 2009   | 4            | 8   | š  | 3  | ) 5<br>5   | L. 1 (2)  | Call Control of the Control  |   | 3888  |
|  | 1996<br>1997                                 | 78<br>659    | Sinkam Science Sile Auromonares                           | Burrowerswersensen   | 1 - 1  | ) 260<br>) 1,995   | A contra de la companie de la contra del la contra del la contra del la contra de la contra del la contra de la contra de la contra del | 15%<br>14%   | Azaz nasa manan darah men   |       |
|  | 1998   | 132          |   | Anti-constant  | Latrician  | 428  | 30%   | dereterriterriterri  | Larrana a a managarina da la  |       |
|  | 1999   | 677          |   | Latina and the contract of the | 1_10   | 2,610  | k forbert av t  | Balalaniana an Al-L  | L   |       |
|  | 2000   | 131          |   | المستفاف المستان المالي  | E 1  | 489  | ( : : : : : : : : : : : : : : : : : : :   | lan an ann an 1988   | i marka a a   |       |
|  | 2001   | 1,125        | \$  | 2,163  |  | 3,838  | 29%   | 14%  | 56%   |       |
|  | 2002   | 161          | 64  | 337  |  | 562  | 28%   | 11%  | 59%   |       |
|  | 2003   | 910          | 24 1 1 1 1 1  | 9 11 111   |  | 2,961  | 30%   | 16%  | 53%   |       |
|  | 2004   | 82           | San alia di Sela musa an                                  | a  | 5  | 349  |   | La companya da managan   | and the second second   |       |
|  | 2005   | 790          | A. Printer in its income                                  | 8  | \$ 7 .*** l.***.   | 2,386  | and a distribution  | 1-1-13-24 market and   | g   |       |
|  | 2006   | 70           | E 1111 12111 1 2  | g  | 3 171  | 228  | 8 NOTES 15  | 8 W W W W W W W W W W W W W W W W W W W  |   |       |
|  | 2007<br>2008                                 | 413<br>22    |   | A . Il i a commence a comme  | 8. O.C.  | 0 1,409<br>0 103   |   | Barrier State Company College  | B to be to  |       |
|  | 2008   | 95           |   | 2  | 3 '  | D 103<br>D 433   | 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -   | B 1 AND MARKS  | g 1000000 00 0  |       |
| OBDII Test                               | 2010   | 6            | فالتلا فأفر ويورون ويرم ويسترون                           | 9 - 11111 - 223111   | 8  | )<br>0 11  | S   | <u> </u>   | 0, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   | 18067 |
| ODDITIES                                 | 1976   | 0            | <u> </u>  | 舞: - H-bはLL:rui  |  | ਲੇ<br>ਹਵਾਲੇ ਕਿ   |   |  |   | 10001 |
|  | 1977   | 1 50 0 0 0 1 | Describilisano e menito e in                              |  | Santanian Company  | 0 22   | entracement and in the second   | Section and the section of the secti |   |       |
|  | 1978   | 0            | Borner of Colombia  | Savernous reservivia   | Samuel In State of   | 6  |   | See the second second  |   |       |
| 10% (10% (10% (10% (10% (10% (10% (10% ( | 1979   | 3            | 10  |  |  | 0 45   | 6%  | 22%  | 71%   |       |
|  | 1980   | O            | 1   | 2  |  | 0 3  | 0%  | 33%  | 66%   |       |
|  | 1983   | 0            | B. C.                 |  | K-4  | 0 1  |   | R 1  | Muliandiani i Vali  |       |
| Signatur ing                             | 1984   | 0            | 8   |  |  | 0 1  | ¥ 4 #   | E. Link  | Girls College |       |
|  | 1985   | 1            | Harrison and the second                                   | 9 - 11117-111-111<br>  | E. m. som Vignoria para  | 0 2  | A   | Service - Alternative - Commence   | Arminimum and a second  |       |
|  | 1986   | 0            | James   | Šeromy, menings  | <u> </u>   | 0] - 1   | 2   | Ž.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,   |   |       |
|  | 1987<br>1989                                 | 0            | Acquero la companya para para para para para para para pa | .3   | \$   | 0 4<br>0 2   | 4 Fi 7 179  | Sameran incommen   | Parenarozna a in Liberaria  |       |
|  | 1990   | 0            | Barila kilikin manana                                     | A  | Z 65   | 0 2<br>0 2   | فالمستنسخة المستقولة  | S. 1915-1917   | Marina e reena akaikiniike  |       |
|  | 1991   | 1            | <u> </u>  | القدائد البراء مستحكا الأد   | بالأشمينا برجانا وزاؤا   | 0 1  | تبييني يندلان الدلا   | Barair III.  |   |       |
|  | 1993   | C            | 4 120 100 100   |  | Salaran and a salaran  | 0 5  | 8 101 En 15 15  | Barrer and the   | Barren vermen   |       |
|  | 1995   | 2            | 18.42. The Mark 1900                                      | 3.011  | 2 1  | 0 9  | \$_5 1. IS 6. H 15. T   | E 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | X 100000 mil. 0   |       |
| Single Speed Idle Test                   |  | Ç            | C   |  |  | 0 1  |   | 5  |   | 10    |
|  |  |              |   |  | <u> </u>   | 22056  |   |  |   |       |
|  |  |              |   |  |  |  |   |  |   |       |
|  |  |              |   |  |  |  |   |  |   |       |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (v) Initially failed vehicles receiving a waiver:

Total 905

See attached report:

(a)(2)(v) Initially Failed Vehicles Receiving a Waiver, 2013

(a)(2)(v) Initially Failed Vehicles Receiving a Waiver, 2013

| MODEL YEAR   | Yallisan, |   | EHICLE T        | , 2013 PERCENTAGE VEHICLE TYPE          |           |           |            |   |
|--------------|-----------|---|-----------------|---|-----------|-----------|------------|---|
|              | Type 1    | Type 2  | Type P          | OTHER                                   | Total     | Type 1    | Type 2     | Type P                                  |
| 1976         | 0         | 0   | 1               | 0                                       | 1         | 0%        | 0%         | 100%                                    |
| 1977         | 0         | 0   | 36563           |   | 4         | 0%        | 0%         | 75%                                     |
| 1978         |           | 0   |                 | 0                                       | 1         | 0%        | 0%         | 100%                                    |
| 1979         | 0         | 1   | 6               | 2                                       | 9         | 0%        | 11%        | 66%                                     |
| 1980         | 0         | .0  | 2               | i i l                                   | 3         | . 0%      | 0%         | 66%                                     |
| 1981         | 0         | 0,  | 5               | 0                                       | 5         |           | 0%         | 100%                                    |
| 1982         | 0         | 0   | 2               | 3                                       |           | 0%        | 0%         | 40%                                     |
| 1983         | 0         | 0   | 12              | 0                                       | 12        | 0%        | 0%         | 100%                                    |
| 1984         | 0         | 0   | 2               | 0                                       | 2         | 0%        | 0%         | 100%                                    |
| 1985         | 0         | 0   | 13              | 1                                       | 14        | 0%        | 0%         | 92%                                     |
| 1986         | 0         | 0   | 2               | 1 7 0                                   | (U.S. 12) | 0%        | 0%         | 100%                                    |
| 1987         | 0         | 4   | 12              | 4                                       | 20        | 0%        | 20%        | 60%                                     |
| 1988         | 0         |   | 4               | , O                                     | 4         | 0%        | 0%         | 100%                                    |
| 1989         | 5         | 0   | 12              |   | . 18      | 27%       | 0%         | 66%                                     |
| 1990         | 0         | 1   | 1<br>           | 0                                       | 2         | 0%        | 50%        | Que                                     |
| 1991         | 3         | 2   | 16<br>2         | 1                                       | 22<br>4   | 13%       | 9%<br>25%  | 72%<br>50%                              |
| 1992         | 1 1       | 1   |                 | 0                                       | 4<br>25   | 25%       | 25%<br>8%  | 72%                                     |
| 1993<br>1994 | 5         | 2   | 18<br>6         |   | 20<br>10  | 20%       | 10%        | 60%                                     |
| 1994<br>1995 | 2<br>5    | 4   | 34              | 0                                       | 43        | 11%       | 9%         | Billion in the All Marketin             |
| 1996         | 0         | 44 - 194 <b>4</b> 8<br>- 194 - 194 <b>1</b> 8 | 6               | 0                                       | 7         | 0%        | 14%        | S. H                                    |
| 1997         | 4         | 2   | 21              | 0                                       | 27        | 14%       | 17.%<br>7% |   |
| 1998         | 0         |   | 21<br>6         | esturistastini poteisti (ilijasti (ilij | 21<br>8   | 0%        | 12%        | a. Strikkerralinist                     |
| 1999         | 8         | , '<br>                                       | 43              | 10                                      | 67        | 11%       | 12 %<br>8% | Alta in Cidaliana di Sistema            |
| 2000         | 2         | 2   | 6               | 0                                       | 10        | 20%       | 20%        |   |
| 2001         | 6         | 5   | 70              | 13                                      | 94        | 6%        | 5%         |   |
| 2002         | 3         | 4   | 6               | 1                                       | 14        | 21%       | 28%        | 8.76-MARKELLITERS                       |
| 2003         | 5         | 6   | 60              | 10                                      | 81        | 6%        | 7%         |   |
| 2004         | 0         | 0   | 5               | 2                                       | 7         | 0%        | 0%         | \$_:::::::::::::::::::::::::::::::::::: |
| 2005         | 8         | 3   | 91              | 15                                      | 117       |           | 2%         | Se paradere anomala di Selavara         |
| 2006         | 1         | = 0   | 10              | O                                       | 11        | 9%        | 0%         |   |
| 2007         | 6         | 10  | 124             | 1                                       | 141       | 4%        | 7%         |   |
| 2008         | 0         | 7   | 3               | Ō                                       | 4         | - 0%      | 25%        | 3                                       |
| 2009         | 6         | 4   | 99              | 1                                       | 110       | 5%        | 3%         | Cianana dhia                            |
| 2010         | 0         | 0   | AMERICAN STREET | 0                                       | 1         | 0%        | 0%         | Na company and a sale.                  |
|              |           |   |                 | 500 (10) (1) To                         | 905       | ,,, ;= r* | 200 400    | <u> </u>                                |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (vi) Vehicles with no known final outcome (regardless of reason)

Please see section (d)(2)(ii) and review "Registrations and Compliance Analysis 2012/2013"

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(vii) - (x) [Reserved]

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xi) Passing the on-board diagnostic check

166,281

See attached report:

(a)(2)(xi) Passing the On-Board Diagnostic Test, 2013

(a)(2)(xi) Passing the On-Board Diagnostic Test, 2013

| OBD TESTS  |        |        | VEHICLE T | YPE   |        | PERCENTAGE VEHICLE TYPE |        |        |  |
|------------|--------|--------|-----------|-------|--------|-------------------------|--------|--------|--|
| Model Year | Type 1 | Type 2 | Type P    | OTHER | Total  | Type 1                  | Type 2 | Type P |  |
| 1991       | 0      | 0      | 4.1       | Ō     | 1      | 0%                      | 0%     | 100%   |  |
| 1993       | 0 ::   | 0      | 1         | 0     | 118    | 0%                      | 0%     | 100%   |  |
| 1995       | 0      | 1      | 2         | 0     | 3      | 0%                      | 33%    | 66%    |  |
| 1996       | 225    | 141    | 437       | Ō     | 803    | 28%                     | 17%    | 54%    |  |
| 1997       | 3,609  | 2,061  | 6,719     | 1     | 12,390 | 29%                     | 16%    | 54%    |  |
| 1998       | 360    | 169    | 636       | 0.    | 1,165  | 30%                     | 14%    | 54%    |  |
| 1999       | 5,137  | 3,549  | 9,631     | 0     | 18,317 | 28%                     | 19%    | 52%    |  |
| 2000       | 423    | 229    | 856       | 0     | 1,508  | 28%                     | 15%    | 56%    |  |
| 2001       | 5,944  | 3,380  | 12,437    | 1     | 21,762 | 27%                     | 15%    | 57%    |  |
| 2002       | 462    | 255    | 874       | Ő     | 1,591  | 29%                     | 16%    | 54%    |  |
| 2003       | 8,031  | 4,654  | 13,294    | 42    | 26,021 | 30%                     | 17%    | 51%    |  |
| 2004       | 351    | 272    | 684       | 1     | 1,308  | 26%                     | 20%    | 52%    |  |
| 2005       | 9,629  | 5,052  | 15,047    | 27    | 29,755 | 32%                     | 16%    | 50%    |  |
| 2006       | 323    | 264    | 570       | 0     | 1,157  | 27%                     | 22%    | 49%    |  |
| 2007       | 9,010  | 5,499  | 15,901    | 1     | 30,411 | 29%                     | 18%    | 52%    |  |
| 2008       | 210    | 269    | 481       | 0     | 960    | 21%                     | 28%    | 50%    |  |
| 2009       | 4,528  | 3,303  | 10,989    | 1     | 18,821 | 24%                     | 17%    | 58%    |  |
| 2010       | 105    | 88     | 114       | 0     | 307    | 34%                     | 28%    | 37%    |  |
| ***        |        |        |           |       | 166281 | Ĭ                       |        |        |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xii) Failing the on-board diagnostic check

16,212

See attached report:

(a)(2)(xii) Failing the On-Board Diagnostic Test, 2013

(a)(2)(xii) Failing the On-Board Diagnostic Test, 2013

| OBD TESTS  |        | VE     | VEHICLE TYPE PERCENTAGE VE |       |       |        |        | LE TYPE |
|------------|--------|--------|----------------------------|-------|-------|--------|--------|---------|
| Model Year | Type 1 | Type 2 | Type P                     | OTHER | Total | Type 1 | Type 2 | Type P  |
| 1991       | 0      | 0      | - 1                        | 0     |       | 0%     | 0%     | 100%    |
| 1996       | 67     | 43     | 154                        | 0     | 264   | 25%    | 16%    | 58%     |
| 1997       | 766    | 397    | 1,365                      | 0     | 2,528 | 30%    | 15%    | 53%     |
| 1998       | 98     | 73     | 190                        | 0     | 361   | 27%    | 20%    | 52%     |
| 1999       | 703    | 514    | 1,526                      | 0     | 2,743 | 25%    | 18%    | 55%     |
| 2000       | 103    | 44     | 230                        | 0     | 377   | 27%    | 11%    | 61%     |
| 2001       | 944    | 401    | 2,226                      | 0     | 3,571 | 26%    | 11%    | 62%     |
| 2002       | 90     | 35     | 203                        | 0     | 328   | 27%    | 10%    | 61%     |
| 2003       | 760    | 334    | 1,386                      | 0     | 2,480 | 30%    | 13%    | 55%     |
| 2004       | 36     | 23     | 118                        | 0     | 177   | 20%    | 12%    | 66%     |
| 2005       | 604    | 292    | 929                        | 0     | 1,825 | 33%    | 16%    | 50%     |
| 2006       | 39     | 21     | 69                         | 0     | 129   | 30%    | 16%    | 53%     |
| 2007       | 302    | 174    | 620                        | 0     | 1,096 | 27%    | 15%    | 56%     |
| 2008       | 7      | 14     | 28                         | 0     | 49    | 14%    | 28%    | 57%     |
| 2009       | 65     | . 48   | 160                        | 0     | 273   | 23%    | 17%    | 58%     |
| 2010       | 6      | 1      | 3                          | 0     | 10    | 60%    | 10%    | 30%     |
|            |        |        |                            |       | 16212 |        |        | Ì       |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

#### (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xiii) Failing the on-board diagnostic check and passing the tailpipe test (if applicable)

Not applicable

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xiv) Failing the on-board diagnostic check and failing the tailpipe test (if applicable)

Not applicable

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xv) Passing the on-board diagnostic check and failing the I/M gas cap evaporative test (if applicable)

48

See attached report:

(a)(2)(xv) Vehicles Passing OBD Test and Failing Gas Cap, 2013

# (a)(2)(xv) Vehicles Passing OBD Test and Failing Gas Cap, 2013

| OBD TESTS  |        | VE     | HICLE TY | PE    | PERCENTAGE VEHICLE TYPE |        |        |        |  |
|------------|--------|--------|----------|-------|-------------------------|--------|--------|--------|--|
| Model Year | Type 1 | Type 2 | Type P   | OTHER | Total                   | Type 1 | Type 2 | Type P |  |
| 1997       | 4      | 0      | 3        | Ō     | 7                       | 57%    | 0%     | 42%    |  |
| 1999       | 0      | 0      | 2        | 0     | 2                       | 0%     | 0%     | 100%   |  |
| 2001       | 0      | 0      | 5        | 0     | 5                       |        | 0%     | 100%   |  |
| 2003       | 1      | 1      | 3        | 0     | 5                       | 20%    | 20%    | 60%    |  |
| 2004       | 0      | 0      | 2        | 0     | 2                       | 0%     | 0%     | 100%   |  |
| 2005       | 3      | 1      | 10       | 0     | 14                      | 21%    | 7%     | 71%    |  |
| 2007       | 2      | 2      | 6        | Ö     | 10                      | 20%    | 20%    | 60%    |  |
| 2009       | 0      | 0      | 3        | 0     | 3                       | 0%     | 0%     | 100%   |  |

48

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

# (a) Test Data Report

- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xvi) Failing the on-board diagnostic check and passing the I/M gas cap evaporative system test (if applicable)

16,190

See attached report:

(a)(2)(xvi) Vehicles Failing OBD Test and Passing Gas Cap, 2013

(a)(2)(xvi) Vehicles Failing OBD Test and Passing Gas Cap, 2013

| OBD TESTS  |        | VΕ     | HICLE TYP                             | E     |       | PERCENT | LE TYPE |        |
|------------|--------|--------|---------------------------------------|-------|-------|---------|---------|--------|
| Model Year | Type 1 | Type 2 | Type P                                | OTHER | Total | Type 1  | Type 2  | Type P |
| 1991       | O,     | 0      |                                       | 0     |       | 0%]     | 0%      | 100%   |
| 1996       | 64     | 43     | 154                                   | 0     | 261   | 24%     | 16%     | 59%    |
| 1997       | 764    | 397    | 1,363                                 | Ô     | 2,524 | 30%     | 15%     | 54%    |
| 1998       | 98     | 73     | 190                                   | 0     | 361   | 27%     | 20%     | 52%    |
| 1999       | 703    | 514    | 1,525                                 |       | 2,742 | 25%     | 18%     | 55%    |
| 2000       | 103    | 44     | 230                                   | 0     | 377   | 27%     | 11%     | 61%    |
| 2001       | 943    | 401    | 2,225                                 | 0     | 3,569 | 26%     | 11%     | 62%    |
| 2002       | 90     | 35     | 202                                   |       | 327   | 27%     | 10%     | 61%    |
| 2003       | 760    | 333    | 1,383                                 | 0     | 2,476 | 30%     | 13%     | 55%    |
| 2004       | 36     | 23     | 118                                   | - 0   | 177   | 20%     | 12%     | 66%    |
| 2005       | 603    | 291    | 927                                   |       | 1,821 | 33%     | 15%     | 50%    |
| 2006       | 39     | 21     | 69                                    | 0     | 129   | 30%     | 16%     | 53%    |
| 2007       | 302    | 174    | 618                                   | 0     | 1,094 | 27%     | 15%     | 56%    |
| 2008       | 7      | 14     | 28                                    | ō     | 49    | 14%     | 28%     | 57%    |
| 2009       | 65     | 48     | 159                                   | i 0   | 272   | 23%     | 17%     | 58%    |
| 2010       | 6      | 1      | 3                                     | 0     | 10    | 60%     | 10%     | 30%    |
|            |        |        | · · · · · · · · · · · · · · · · · · · |       | 16190 |         |         |        |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xvii) Passing both the on-board diagnostic check and the I/M gas cap evaporative system test (if applicable)

166,233

See attached report:

(a)(2)(xvii) Vehicles Passing Both the OBD Test and Gas Cap, 2013

(a)(2)(xvii) Vehicles Passing Both the OBD Test and Gas Cap, 2013

| OBD TESTS  |        |        | VEHICLE T                              | YPE   |        | PERCENTAGE VEHICLE TYPE |        |        |  |
|------------|--------|--------|--|-------|--------|-------------------------|--------|--------|--|
| Model Year | Type 1 | Type 2 | Type P                                 | OTHER | Total  | Type 1                  | Type 2 | Type P |  |
| 1991       | 0      | 0      | 1                                      | 0     | 1      | 0%                      | 0%     | 100%   |  |
| 1993       | 0      | 0      | // // // // // // // // // // // // // | Ö     |        | 0%                      | 0%     | 100%   |  |
| 1995       | 0      | 1      | 2                                      | 0     | 3      | 0%                      | 33%    | 66%    |  |
| 1996       | 225    | 141    | 437                                    | Ō     | 803    | 28%                     | 17%    | 54%    |  |
| 1997       | 3,605  | 2,061  | 6,716                                  | 1     | 12,383 | 29%                     | 16%    | 54%    |  |
| 1998       | 360    | 169    | 636                                    | 0     | 1,165  | 30%                     | 14%    | 54%    |  |
| 1999       | 5,137  | 3,549  | 9,629                                  | Ô     | 18,315 | 28%                     | 19%    | 52%    |  |
| 2000       | 423    | 229    | 856                                    | 0     | 1,508  | 28%                     | 15%    | 56%    |  |
| 2001       | 5,944  | 3,380  | 12,432                                 | 1     | 21,757 | 27%                     | 15%    | 57%    |  |
| 2002       | 462    | 255    | 874                                    | Ō     | 1,591  | 29%                     | 16%    | 54%    |  |
| 2003       | 8,030  | 4,653  | 13,291                                 | 42    | 26,016 | 30%                     | 17%    | 51%    |  |
| 2004       | 351    | 272    | 682                                    |       | 1,306  | 26%                     | 20%    | 52%    |  |
| 2005       | 9,626  | 5,051  | 15,037                                 | 27    | 29,741 | 32%                     | 16%    | 50%    |  |
| 2006       | 323    | 264    | 570                                    | Ō     | 1,157  | 27%                     | 22%    | 49%    |  |
| 2007       | 9,008  | 5,497  | 15,895                                 | 1     | 30,401 | 29%                     | 18%    | 52%    |  |
| 2008       | 210    | 269    | 481                                    | 0     | 960    | 21%                     | 28%    | 50%    |  |
| 2009       | 4,528  | -3,303 | 10,986                                 | 1     | 18,818 | 24%                     | 17%    | 58%    |  |
| 2010       | 105    | 88     | 114                                    | 0     | 307    | 34%                     | 28%    | 37%    |  |
|            |        |        | i i                                    |       | 166233 | ĺ                       |        |        |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xviii) Failing both the on-board diagnostic check and the I/M gas cap evaporative system test (if applicable)

22

See attached report:

(a)(2)(xviii) Vehicles Failing Both the OBD Test and Gas Cap, 2013

(a)(2)(xviii) Vehicles Failing Both the OBD Test and Gas Cap, 2013

| OBD TESTS  |          | e dichige gerebang panggan perse | HICLE TY | ?E    |       | PERCEN | TAGE VEHIC | LE TYPE |
|------------|----------|----------------------------------|----------|-------|-------|--------|------------|---------|
| Model Year | Type 1   | Type 2                           | Type P   | OTHER | Total | Type 1 | Type 2     | Type P  |
| 1996       | 3        | 0                                | 0        | 0     | 3     | 100%   | 0%         | 0%      |
| 1997       | 2        | 0                                | 2        | - 0   | 4     | 50%    | 0%         | 50%     |
| 1999       | Ó        | 0                                | 1        | Ō     | 1     | 0%     | 0%         | 100%    |
| 2001       | 1        | 0                                | 1        | 0     | 2     | 50%    | 0%         | 50%     |
| 2002       | 0        | 0                                | 1        | 0     | 1     | 0%     | 0%         | 100%    |
| 2003       | 0        | 1                                | 3        | 0     | 4     | 0%     | 25%        | 75%     |
| 2005       | 1        | 1                                | 2        | 0     | 4     | 25%    | 25%        | 50%     |
| 2007       | ouv.     | 0                                | 2        | 0     | 2     | 0%     | 0%         | 100%    |
| 2009       | 0        | 0                                | 1        | 0     | 1     | 0%     | 0%         | 100%    |
|            | <u> </u> | *                                |          |       | 22    |        |            |         |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

- (a) Test Data Report
- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xix) MIL is commanded on and no codes are stored

147

See attached report:

(a)(2)(xix) MIL is Commanded On and No Codes Stored, 2013

(a)(2)(xix) MIL is Commanded On and No Codes Stored, 2013

| OBD TESTS                                   |        | VΕ                 | HICLE TYP | E     |                            | PERCENT                           | TAGE VEHIC | LE TYPE |  |
|---|--------|--------------------|-----------|-------|----------------------------|-----------------------------------|------------|---------|--|
| Model Year                                  | Type 1 | Type 2             | Type P    | OTHER | Total                      | Type 1                            | Type 2     | Type P  |  |
| 1996  | 2      | makesprante or a 1 | 4         | Ō     |                            | 28%                               | 14%        | 57%     |  |
| 1997  | 2      | 0                  | 12        | 0     | 14                         | 14%                               | 0%         | 85%     |  |
| 1999  | 8      | 4                  | 11        | 0     | 23                         | 34%                               | 17%        | 47%     |  |
| 2000  | 0      | 1                  | 1         | Ō     | 2                          | 0%                                | 50%        | 50%     |  |
| 2001  | 4      | 1                  | 20        | 0     | Solveit central contractes | 16%                               | 4%         | 80%     |  |
| 2002  | 0      | 0                  | 3         | 0     | 3                          | 0%                                | 0%         | 100%    |  |
| 2003  | 12     | 0                  | 17        | 0     | 29                         | 41%                               | 0%         | 58%     |  |
| 2004  | 0      | 0                  | 2         | 0     | 2                          | 0%                                | 0%         | 100%    |  |
| 2005  | 15     | 1                  | 7         | ō     | 23                         | 65%                               | = 1 4%     | 30%     |  |
| 2006  | 0      | 0                  | 2         | 0     | 2                          | 0%                                | 0%         | 100%    |  |
| 2007  | 4      | 4                  | 7         | 0     | 15                         | 26%                               | 26%        | 46%     |  |
| 2009  | 0      | 1                  | 1         | 0     | 2                          | 0%                                | 50%        | 50%     |  |
| HILL CONTINUE THE CONTINUE TO A STANDARD, & |        | ocastoraș          |           |       | 147                        | 2.20 (mag) 2.20 (m) m do 5.20 (m) |            | 1 3000; |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

- (2) By model year and vehicle type, the number and percentage of vehicles:
  - (xx) MIL is not commanded on and codes are stored

879

See attached report:

(a)(2)(xx) MIL is NOT Commanded On but Codes are Stored, 2013

# (a)(2)(xx) MIL is NOT Commanded On but Codes are Stored, 2013

|        | Type 1 | Type 2                      | Type P | Other | Count | Type 1 | Type 2 | Type P |
|--------|--------|-----------------------------|--------|-------|-------|--------|--------|--------|
| 1996   | 6      | 1                           | 7      | 0     | 14    | 42     | 7      | 50     |
| 1997   | 48     | 12                          | 61     | 0     | 121   | 39     | 9      | 50     |
| 1998   | 8      | 3                           | 12     | 0     | 23    | 34     | 13     | 52     |
| 1999   | 28     | 22                          | 73     | 0     | 123   | 22     | 17     | 59     |
| 2000   | 13     | 0                           | 13     | O O   | 26    | 50     | 0      | 50     |
| 2001   | 63     | 27                          | 135    | 0     | 225   | 28     | 12     | - 60   |
| 2002   | 5      | Seasonth ceiminteiring<br>1 | . 26   | 0     | 32    | 15     | 3      | 81     |
| 2003 - | 37     | 21                          | 96     | 0     | 154   | 24     | 13     | 62     |
| 2004   | 6      | 3                           | . 10   | 0     | 19    | 31     | 15     | 52     |
| 2005   | 26     | 11                          | 48     | 0     | 85    | 30     | 12     | 56     |
| 2006   | 0      | 0                           | 6      | 0     | 6     | 0      | Ö      | 100    |
| 2007   | 21     | 4                           | 12     | 0     | 37    | 56     | 10     | 32     |
| 2008   | 10     | 0                           | 5      | 0     | 5     | 0      | 0      | 100    |
| 2009   | 2      | 2                           | 5      | 0     | 9     | 22     | 22     | 55     |
|        |        |                             |        |       | 879   |        |        |        |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xxi) MIL is commanded on and codes are stored

15,338

See attached report:

(a)(2)(xxi) MIL is Commanded On and Codes Stored, 2013

(a)(2)(xxi) MIL is Commanded On and Codes Stored, 2013

|      | organism of the control of   | Type 2 | Туре Р | Other     | Count | Type 1 | Type 2 | Type P |
|------|--|--------|--------|-----------|-------|--------|--------|--------|
| 1991 | Ō  | 0      | 1      | 0         | 1     | Ō      | Ō      | 100    |
| 1996 | 59   | 37     | 139    | 0 ::      | 235   | 25     | 15     | 59     |
| 1997 | 678  | 361    | 1,291  | 0         | 2,330 | 29     | 15     | 55     |
| 1998 | 95   | 65     | 182    | 0         | 342   | 27     | 19     | 53     |
| 1999 | 652  | 457    | 1,457  | Ō         | 2,566 | 25     | 17     | 56     |
| 2000 | 97   | 42     | 221    | 0         | 360   | 26     | 11     | 61     |
| 2001 | 893  | 379    | 2,136  | 0         | 3,408 | 26     | 11     | 62     |
| 2002 | 86   | 33     | 192    | 0         | 311   | 27     | 10     | 61     |
| 2003 | 721  | 328    | 1,324  | 0         | 2,373 | 30     |        | 55     |
| 2004 | 34   | 22     | 114    | 0         | 170   | 20     | 12     | 67     |
| 2005 | 587  | 279    | 890    | 0         | 1,756 | 33     | 15     | 50     |
| 2006 | 38   | 21     | 63     | 0         | 122   | 31     | 17     | 51     |
| 2007 | 290  | 164    | 589    | i   1   0 | 1,043 | 27     | 15     | 56     |
| 2008 | in in the second section of the sect | 12     | 25     | 0         | 44    | 15     | 27     | -56    |
| 2009 | 64   | 48     | 155    | 0         | 267   | 23     | 17     | 58     |
| 2010 | 6  | 1      | 3      | 0         | 10    | 60     | 10     | 30     |
|      | <u> </u>   |        |        |           | 15338 |        |        |        |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

# (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xxii) MIL is not commanded on and no codes are stored

184,611

See attached report:

(a)(2)(xxii) MIL is NOT Commanded On and NO Codes Stored, 2013

# (a)(2)(xxii) MIL is NOT Commanded On and NO Codes Stored, 2013

|      | Type 1 | Type 2 | Type P        | Other |        | Type 1                                 | Type 2     | Type P      |
|------|--------|--------|---------------|-------|--------|--|------------|-------------|
| 1991 | Ō      | 0      |               | 0     |        | 0                                      | 0          | 100         |
| 1993 |        | Ō      | 0             | 0     | 1      | 100                                    | Ō          | 0           |
| 1994 | 0      | 0      | 1 1 1 1 1 1 1 | 0     | 1      | 0                                      | 0          | 100         |
| 1995 | 0      | 0      | 3             | 0     | 3      | 0                                      | 0          | 100         |
| 1996 | 301    | 172    | 578           | 0     | 1,051  | 28                                     | 16         | 54          |
| 1997 | 4,226  | 2,300  | 7,621         |       | 14,147 | 29                                     | 16         | 53          |
| 1998 | 455    | 238    | 864           | 0     | 1,557  | 29                                     | ių gas 15  | 55          |
| 1999 | 5,719  | 3,943  | 10,984        | 0     | 20,646 | 27                                     | 19         | 53          |
| 2000 | 548    | 299    | 1,152         | 0     | 1,999  | 27                                     | 14         | 57          |
| 2001 | 7,354  | 4,051  | 15,072        | 0     | 26,477 | ************************************** | 15         | 56          |
| 2002 | 604    | 332    | 1,258         | 0     | 2,194  | 27                                     | ip iden 15 | 57          |
| 2003 | 8,880  | 5,072  | 15,229        | 0     | 29,181 | 30                                     | 17         | <b>7</b> 52 |
| 2004 | 419    | 336    | 854           | 0     | 1,609  | 26                                     | 20         | 53          |
| 2005 | 10,455 | 5,425  | 16,254        | 1     | 32,135 | 32                                     | 16         | 5 50        |
| 2006 | 369    | 296    | 673           | 0     | 1,338  | 27                                     | 22         | 50          |
| 2007 | 9,412  | 5,764  | 16,504        | 0     | 31,680 | 29                                     | 18         | 52          |
| 2008 | 228    | 285    | 534           | 0     | 1,047  | 21                                     | 27         | 51          |
| 2009 | 4,639  | 3,379  | 11,209        | 0     | 19,227 | 24                                     | 17         | 7 58        |
| 2010 | 107    | 90     | 120           | 0     | 317    | 33                                     | 28         | 3, 37       |
|      |        | Î      | <u> </u>      | Î     | 184611 |  |            | Î           |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

#### (a) Test Data Report

(2) By model year and vehicle type, the number and percentage of vehicles:

(xxiii) Readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems

200,975

See attached report:

(a)(2)(xxiii) Readiness Indicates EVAL is NOT Complete for Any Supported Module, 2013

(a)(2)(xxiii) Readiness Indicates EVAL is NOT Complete for Any Supported Module, 2013

| (4)(2)(2 | Type 1     | Type 2   | Type P             | Other | Count    | Type 1               | Type 2                              | Type P            |
|----------|------------|----------|--------------------|-------|----------|----------------------|-------------------------------------|-------------------|
| 1991     | O C        | 0        | 2                  | 0     | 2        | 0                    | emineranaemienetaidad, 200 mm.<br>C | 100               |
| 1993     | i dima tad | 0 (1997) | Bubbas o           | 0     |          | 100                  | in a constant                       | , <sub>13,7</sub> |
| 1994     | 0          | 0 (1997) | (T. E. V. T. (C. 1 | - D   | \$ 1.081 | je se seletova dil O | jor e de c                          | 100               |
| 1995     | 0          | Ü Ö      | 3                  | Ō     | 3        | 0                    | ( C                                 | 100               |
| 1996     | 368        | 211      | 728                | 0     | 1,307    | 28                   | 16                                  | 55                |
| 1997     | 4,954      | 2,673    | 8,985              | 0     | 16,612   | 29                   | 16 m                                | 54                |
| 1998     | 558        | 306      | 1,058              | 0     | 1,922    | 29                   | F-15                                | 55                |
| 1999     | 6,407      | 4,426    | 12,525             | O     | 23,358   | 27                   | 18                                  | 53                |
| 2000     | 658        | 342      | 1,387              | 0     | 2,387    | 27                   | 14                                  | 58                |
| 2001     | 8,314      | 4,458    | 17,363             |       | 30,135   | 27                   | 12                                  | 57                |
| 2002     | 695        | 366      | 1,479              | 0     | 2,540    | 27                   | 12                                  | 58                |
| 2003     | 9,649      | 5,422    | 16,666             | O     | 31,737   | 30                   | 17                                  | 52                |
| 2004     | 459        | 361      | 980                | 0     | 1,800    | 25                   | 20                                  | 54                |
| 2005     | 11,083     | 5,716    | 17,199             |       | 33,999   | 32                   | 16                                  | )                 |
| 2006     | 407        | 317      | 744                | 0     | 1,468    | 27                   | 21                                  |                   |
| 2007     | 9,727      | 5,936    | 17,112             | O     | 32,775   | 29                   | 18                                  | 52                |
| 2008     | 235        | 297      | 564                | 0     | 1,096    | 21                   | 27                                  | B SELECTION OF SE |
| 2009     | 4,705      | 3,430    | 11,370             | 0:2:  | 19,505   | 24                   | 17                                  | 58                |
| 2010     | 113        | 91       | 123                | 0     | 327      | 34                   | 2                                   | 7 37              |
|          |            |          |                    |       | 200975   |                      |                                     |                   |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(a) Test Data Report

(3) The initial test volume by model year and test station

194,843

See attached report:

(a)(3) Initial test volume by Model Year and Station, 2013

(a)(3) Initial test volume by Model Year and Station, 2013

| MODEL YEAR  |        |        | STATION    |                          |        |                 |        |        |  |
|-------------|--------|--------|------------|--------------------------|--------|-----------------|--------|--------|--|
|             | 1      | 2      | 3          | 4                        | 5      | 8               | 9      |        |  |
| 1976        | 4      | 1      | 1          | 1                        | 3      | 1               | 0      | 11     |  |
| 1977        | 23     | 38     | 12         | 8 - ::1131115 1 <b>1</b> |        |                 | 16     | 149    |  |
| 1978        | 3      | 8      | 2          | 2                        | 2      | 11:00 tri 14:13 | 6      | 26     |  |
| 1979        | 43     | 49     | 35         | 32                       | 32     | 22              | 28     | 241    |  |
| 1980        | 8      | 6      | 3          | 0.0                      | 1      | 2               | 1      | 21     |  |
| 1981        | 28     | 16     | 1 19       | 26                       | 18     | 19              | 17     | 143    |  |
| 1982        | 1      | Ô      | 1          | 1                        |        | 2               |        | 7      |  |
| 1983        | 50     | 37     | 19         | 22                       | 16     | 27              | 25     | 196    |  |
| 1984        | 4      | 6      | 6          | 11                       | 3      | 10              | 6      | 46     |  |
| 1985        | 82     | 100    | 41         | 82                       | 53     | 57              | 55     | 470    |  |
| 1986        | 20     | -10    | 5          | 6                        | 5      | 12              | 7      | 65     |  |
| 1987        | 135    | 143    | 70         | 106                      | 68     | 67              | 79     | 668    |  |
| 1988        | 22     | 18     | 23         | 11                       | 16     | 15              | 34     | 139    |  |
| 1989        | 317    | 282    | 141        | 214                      | 131    | 151             | 213    | 1449   |  |
| 1990        | 34     | 25     | 14         | 14                       | . 14   | 25              | 34     | 160    |  |
| 1991        | 450    | 428    | 214        | 345                      | 240    | 241             | 249    | 2167   |  |
| 1992        | 69     | 54     | 26         | 51                       | 33     | 50              | 34     | 317    |  |
| 1993        | 861    | 893    | 422        | 646                      | 434    | 468             | 540    | 4264   |  |
| 1994        | 135    | 108    | 56         | 74                       | 58     | 80              | 79     | 590    |  |
| 1995        | 1,862  | 1,853  | 876        | 1,356                    | 894    | 990             | 1,047  | 8878   |  |
| 1996        | 207    | 166    | 86         | 102                      | 77     | 120             | 88     | 846    |  |
| 1997        | 2,800  | 2,860  | 1,281      | 2,304                    | 1,448  | 1,392           | 1,603  | 13688  |  |
| 1998        | 304    | 232    | 89         | 180                      | 103    | 131             | 144    | 1183   |  |
| 1999        | 3,866  | 4,231  | 1,829      | 3,398                    | 2,253  | 1,890           | 2,323  | 19790  |  |
| 2000        | 400    | 308    | 122        | 254                      | 140    | 171             | 138    | 1533   |  |
| 2001        | 4,368  | 5,322  | 2,051      | 4,626                    | 2,887  | 1,935           | 2,702  | 2389   |  |
| 2002        | 434    | 274    | 126        | 272                      | 152    | 133             | 174    | 156    |  |
| 2003        | 4,457  | 6,322  | 2,347      | 5,675                    | 3,722  | 1,957           | 3,064  | 27544  |  |
| 2004        | 310    | 246    | 101        | 222                      | 145    | 126             | 115    | 126    |  |
| 2005        | 4,496  | 7,175  | 2,474      | 6,663                    | 4,354  | 2,098           | 3,550  | 30810  |  |
| 2006        | 299    | 239    | 49         | 196                      | 149    | 99              | 132    | 116    |  |
| 2007        | 3,934  | 7,230  | 2,551      | 7,259                    | 4,831  | 1,805           | 3,511  | 3112   |  |
| 2008        | 203    | 194    | 64         | 211                      | 147    | 75              | 102    | 996    |  |
| 2009        | 2,177  | 4,701  | 1,454      | 4,722                    | 3,065  | 868             | 2,098  | 1908   |  |
| 2010        | 106    |        | , 23<br>23 | 70                       | 50     | 20              | 30     | 350    |  |
| Grand Total | 32.512 | 43,632 | 16,633     | 39.177                   | 25.560 | 15,084          | 22.245 | 194843 |  |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(a) Test Data Report

(4) The initial test failure rate by model year and test station

17,990

See attached report:

(a)(4) Initial Test Failure Rate by Model Year and Test Station, 2013

(a)(4) Initial test Failure by Model Year and Station, 2013

| MODEL YEAR  | STATION |       |                |                |       |       |              |       |
|-------------|---------|-------|----------------|----------------|-------|-------|--------------|-------|
|             | 1       | 2     | 3              | 4              | 5     | 8     | 9            |       |
| 1976        |         | Ö     | Ō              | 0              | 2     | 1     | O CONTRACTOR |       |
| 1977        | 7       | 10    | 2              | 5              | 3     | . 5   | 7            | 39    |
| 1978        | 1       | 2     | 1              | 0              | 0     | 0     | 2            | 6     |
| 1979        | 15      | 11    | 10             | 7              | 10    | 5     | 9            | 67    |
| 1980        | 2       | 4     | 1              | 0              | 0     | 0     | 0.           | 7     |
| 1981        | 5       | 5     | 10             | 8              | 2     | 7     | 4            | 41    |
| 1982        | 0       | 0     | 0              | 1.5            | 1     | 1     | 0            | 3     |
| 1983        | 19      | 12    | 6              | 2              | 1     | 13    | 6            | 59    |
| 1984        | 2       | 4     | 3              | 2              | 1     | 2     | 2            | 16    |
| 1985        | 26      | 24    | 10             | 16             | 13    | 23    | 12           | 124   |
| 1986        |         | 3     | 1              | 2              | 1     | 4     | 0            | 18    |
| 1987        | 48      | 33    | 14             | 22             | 14    | 24    | 24           | 179   |
| 1988        | 8       | 4     | 9              | 6              | 5     | 6     | 7            | 45    |
| 1989        | 71      | 60    | 34             | 40             | 22    | 55    | 57           | 339   |
| 1990        | 10      | 5     | 3              | . 5            | 6     | 17    | 18           | 54    |
| 1991        | 166     | 116   | 59             | 97             | 51    | 87    | 68           | 644   |
| 1992        | 32      | 20    | 11             | 25             | 7     | 18    | 18           | 131   |
| 1993        | 296     | 234   | 119            | 144            | 103   | 202   | <b>1</b> 51  | 1249  |
| 1994        | 47      | 40    | 21             | 24             | 15    | 36    | 19           | 202   |
| 1995        | 495     | 370   | 174            | 262            | 156   | 313   | 241          | 2011  |
| 1996        | 43      | 33    | 12             | 12             | 12    | 28    | 12           | 152   |
| 1997        | 479     | 343   | 157            | 262            | 147   | 344   | 229          | 1961  |
| 1998        | 67      | 38    | 8              | 29             | 15    | 33    | 24           | 214   |
| 1999        | 508     | 422   | 173            | 292            | 179   | 339   | 257          | 2170  |
| 2000        | 62      | 37    | 15             | 26             | 12    | 46    | 15           | 213   |
| 2001        | 611     | 511   | 204            | 422            | 269   | 422   | 330          | 2769  |
| 2002        | 54      | 42    | 17             | 27             | 10    | 26    | 20           | 196   |
| 2003        | 427     | 402   | 143            | 365            | 212   | 268   | 234          | 205   |
| 2004        | 36      | 23    | 5              | 12             | 6     | 16    | 9            | 10    |
| 2005        | 290     | 284   | 114            | 285            | 186   | 219   | 186          | 156   |
| 2006        | 22      | 15    | 5              | 14             | 7     | 15    | 11           | 8     |
| 2007        | 165     | 190   | 67             | 189            | 132   | 113   | 108          | 964   |
| 2008        | 11      | 3     | AVERTALISMENTS | Suckerysteries | 6     | 4     | 5            | 31    |
| 2009        | 40      | 42    | 23             | 57             | 47    | 22    | 23           | 254   |
| 2010        | 6       | 2     | 1              |                | 0     | 0     | 0            | 10    |
| Grand Total | 4,079   | 3,344 | 1,433          | 2,669          | 1,653 | 2.714 | 2,098        | 17990 |

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

## (a) Test Data Report

(5) The average increase or decrease in tailpipe emission levels for HC, CO, and NOX (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test.

See attached report:

Emissions Improvement by Model Year 2013

Note: Emissions improvement data reported in grams per mile improvement is reported as zero in this report if the average improvement is 00.49 gpm or less.

# Emissions Improvement by Model Year 2013

| Model<br>Year    | Initial<br>IM93<br>Tests # | Initial IM93<br>Failures # | Initial IM93<br>Failures % | Compliance<br>After Repair<br>Total | Compliance<br>After Repair<br>Pass     | Compliance<br>After Repair<br>Waiver   | Avg<br>Improvement<br>HC (grams/mile)   | Avg<br>Improvement<br>CO (grams/mile) | Avg<br>Improvement<br>NOX<br>(grams/mile)  |
|------------------|----------------------------|----------------------------|----------------------------|-------------------------------------|--|--|---|---------------------------------------|--|
| 1981             | 1                          | 1                          | 100.00%                    | 1                                   | 1                                      | 0  |   | Λ.                                    | (granismine)   |
| 1983             | 2                          | 1                          | 50.00%                     | 2                                   | 2                                      | 0  | 0   | 0                                     | 0  |
| 1984             | 2                          | 1                          | 50.00%                     | 1                                   | ************************************** | A TOTAL CONTROL OF THE PROPERTY OF THE PROPERT | 0   | O.                                    | O.   |
| 1985             | 9                          | 4                          | 44.40%                     | 3                                   | 3                                      | 0  | 0   | 0                                     | 0  |
| 1987             | 68                         | 29                         | 42.60%                     | 14                                  | 14                                     | 0  | 0   | 0                                     | 0  |
| 1988             | 6                          | 3                          | 50.00%                     | 3                                   | 3                                      | 0  | 0   | 0                                     | 0  |
| 1989             | 186                        | 65                         | 34.90%                     | 25                                  | 25                                     | 0  | O<br>MEANTO-1970 OF COLONIA MINISTERNA CONTRACTOR CONTRACT | 0                                     | O CONTRACTOR CONTRACTO |
| 1990             | 5                          | 3                          | 60.00%                     | 3                                   | 3                                      | 0  | 0   | 0                                     | 0  |
| 1991             | 302                        | 107                        | 35.40%                     | 35                                  | 35                                     | 0  | 0   | 0                                     | 0  |
| 1992             | 8                          | 5                          | 62.50%                     | 3                                   | 3                                      | 0  | 0   | 0                                     | 0  |
| 1993             | 1512                       | 500                        | 33.10%                     | 79                                  | 79                                     | 0  | 6 0   | 0                                     | O  |
| 1994             | 25                         | 11                         | 44.00%                     | 10                                  | 10                                     | 0  | 0   | 0                                     | 0  |
| 1995             | 4564                       | 1090                       | 23.90%                     | 124                                 | 124                                    | 0  | 0   | 0                                     | 0  |
| 1996             | 1                          | 1                          | 100.00%                    | 1                                   | 1                                      | 0  | 0   | 0                                     | 0  |
| 1999             | 5                          | 1                          | 20.00%                     | 2                                   | 2                                      | 0  | 0   | 0                                     | 0  |
| 2002             | 1                          | 1                          | 100.00%                    | 1                                   | 1                                      | 0  | 0   | 0                                     | Ô  |
| Overall<br>Total | 6697                       | 1823                       | 27.20%                     | 307                                 | 307                                    | 0  | 0   | 0                                     | 0  |